

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4	calcined near5 kaolin near5 slurry near5 particle near5 solid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:04
S2	2	("20030177952").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/12 14:33
S3	2	("20030177952").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/12 14:33
S4	1	S3 and calcined	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/12 16:07
S5	2	("20030177952").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 13:07
S6	1	S5 and solid adj content	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/12 16:08
S7	2	("20030141224").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 10:32
S8	40	((("3021195") or ("3309214") or ("4118245") or ("4374203") or ("4693427") or ("5028268") or ("5034062") or ("5232881") or ("5282898") or ("5424259") or ("5537934") or ("5543372") or ("6554892") or ("3372043") or ("4118247") or ("6103005"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 12:05

## EAST Search History

S9	40	((("3021195") or ("3309214") or ("4118245") or ("4374203") or ("4693427") or ("5028268") or ("5034062") or ("5232881") or ("5282898") or ("5424259") or ("5537934") or ("5543372") or ("6554892") or ("3372043") or ("4118247") or ("6103005"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 13:28
S10	23	S9 and (calcined adj kaolin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 13:28
S11	2	("20030177952").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 13:31
S12	1	S11 and (heat or temperature or degree)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 13:31
S13	40	((("3021195") or ("3309214") or ("4118245") or ("4374203") or ("4693427") or ("5028268") or ("5034062") or ("5232881") or ("5282898") or ("5424259") or ("5537934") or ("5543372") or ("6554892") or ("3372043") or ("4118247") or ("6103005"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/13 16:11
S14	3	S13 and biocide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:11
S15	3	S13 and biocide and ((calcination or calcined) near5 kaolin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:25
S16	157	106/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:27
S17	865	106/503-505.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28

## EAST Search History

S18	998	106/484-487.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28
S19	157	106/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28
S20	249	106/312.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28
S21	806	106/499.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28
S22	0	106/288.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28
S23	313	106/468.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:28
S24	177	106/501.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:29
S25	1009	501/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:29
S26	674	501/147-148.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:29
S27	945	209/5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:29

## EAST Search History

S28	319	162/181.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:29
S29	490	162/181.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:29
S30	6011	S16 S17 S18 S19 S20 S21 S22 S23 S24 S25 S26 S27 S28 S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:30
S31	0	S30 and ((calcined or calcination) near5 kaolin) same slurry same biocide same (solid near10 content)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:32
S32	9	(S30 and ((calcined or calcination) near5 kaolin) same slurry) and biocide and (solid near10 content)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:58
S33	1	S30 and ((calcined or calcination) near5 kaolin) same slurry same biocide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:59
S34	11	S30 and ((calcined or calcination) near5 kaolin) same slurry and (biocide or biocidal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 07:57
S35	0	S34 NOT (S13 S34)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/13 16:59
S36	7	((calcined near5 kaolin) same (biocide or biocidal)) and (paper or filler)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 07:59
S37	2	("20030141224").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 10:33

## EAST Search History

S38	0	S37 and (grind or grinding or ground or mechanical)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 10:33
S39	4	calcined near5 kaolin near5 slurry near5 particle near5 solid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 10:56
S40	1	S39 and mullite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 10:56
S41	40	((("3021195") or ("3309214") or ("4118245") or ("4374203") or ("4693427") or ("5028268") or ("5034062") or ("5232881") or ("5282898") or ("5424259") or ("5537934") or ("5543372") or ("6554892") or ("3372043") or ("4118247") or ("6103005")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 10:56
S42	23	S41 and (calcined adj kaolin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 10:56
S43	1	S42 and mullite	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 10:56
S44	2	("20030177952").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 13:07
S45	0	S44 and paint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:07
S46	2	("5393340").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 13:07

## EAST Search History

S47	2	S46 and paint	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:24
S48	2618	(calcined adj kaolin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:24
S49	617	(calcined adj kaolin) same ((particle adj size) or size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:25
S50	224	(calcined adj kaolin) same ((particle adj size) or size) same water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:25
S51	84	(calcined adj kaolin) same ((particle adj size) or size) same water same ((solid adj content) or solid)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:26
S52	25	(calcined adj kaolin) same ((particle adj size) or size) same water same ((solid adj content) or solid) same (coating or (paper adj coating))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:26
S53	4	calcined near5 kaolin near5 slurry near5 particle near5 solid	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 13:26
S54	40	((("3021195") or ("3309214") or ("4118245") or ("4374203") or ("4693427") or ("5028268") or ("5034062") or ("5232881") or ("5282898") or ("5424259") or ("5537934") or ("5543372") or ("6554892") or ("3372043") or ("4118247") or ("6103005"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 13:26
S55	25	S52 NOT (S53 S54)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 14:18

## EAST Search History

S56	22	S55 and (thickener or montmorillonite or smectite or silica or (sodium near5 silicate) or polyacrylate or (ethoxylated near5 urethane) or polyvinyl or cellulose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 14:23
S57	15	S55 and (thickener or montmorillonite or smectite or (sodium near5 silicate) or polyacrylate or (ethoxylated near5 urethane) or (polyvinyl near5 pyrrolidone) or cellulose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:43
S58	2	("6150289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 14:40
S59	1	S58 and (grind or grinding or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 14:41
S60	2	S58 and (thickener or montmorillonite or smectite or (sodium near5 silicate) or polyacrylate or (ethoxylated near5 urethane) or (polyvinyl near5 pyrrolidone) or cellulose)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 14:50
S61	3	("4425405").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:20
S62	0	S61 and ((calcined adj kaoline) same (polyvinyl adj pyrrolidone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:21
S63	0	S61 and ((calcined adj kaoline) and (polyvinyl adj pyrrolidone))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:21
S64	1	S61 and (polyvinyl adj pyrrolidone)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:21

## EAST Search History

S65	12	S57 and (grind or grinding or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:51
S66	2	("5028268").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/03/14 15:51
S67	0	S66 and ink	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 15:51
S68	2	S66 and paper	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:02
S69	1033	mechanically adj grinding	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:02
S70	0	(mechanically adj grinding) same (calcined adj kaolin) same water	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:03
S71	1	(mechanically adj grinding) same (calcined adj kaolin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/03/14 16:03
S72	2	("6150289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/30 11:24
S73	1	S72 and (grinding or ground)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 11:44
S74	2	("5320897").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/07/30 11:44

## EAST Search History

S75	162	106/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S76	872	106/503-505.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S77	1003	106/484-487.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S78	162	106/678.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S79	249	106/312.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S80	824	106/499.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S81	0	106/288.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S82	313	106/468.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S83	181	106/501.1.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S84	1013	501/141.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40

## EAST Search History

S85	673	501/147-148.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S86	946	209/5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S87	320	162/181.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S88	493	162/181.8.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S89	6053	S75 S76 S77 S78 S79 S80 S81 S82 S83 S84 S85 S86 S87 S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S90	10	(S89 and ((calcined or calcination) near5 kaolin) same slurry) and biocide and (solid near10 content)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S91	0	S90 NOT S90	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:40
S92	126	sare.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:41
S93	1372	adkins.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:41
S94	219	raper.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:41

## EAST Search History

S95	1672	S92 S93 S94	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:42
S96	30	S95 and (calcined near10 kaolin)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/30 12:46
S97	310	(calcined near5 kaolin) with (particle near2 size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:04
S98	280	(calcined near5 kaolin) near20 (particle near2 size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:04
S99	274	(calcined near5 kaolin) near20 (particle near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:05
S10 0	226	(calcined near kaolin) near20 (particle near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:05
S10 1	172	(calcined near kaolin) near5 (particle near size)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:05
S10 2	40	(calcined near kaolin) near20 (particle near size) with slurry	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/07/31 09:05